

**AC - 2 WIRE - EXTENDED
VOLTAGE RANGE – Brass, Nickel
Plated (BN), and TROGAMID T
Cylindrical, Threaded,
20-250V AC, 500 mA,
1 LED for Output Energized**

- **Higher Current Rating**
- **Wider Voltage Range**
- **Carries ζ mark**

- IEC (529) IP67 (NEMA 1, 3, 4, 6, 12, 13) Protection
- Temperature Range: -25 to 70°C (-13 to 158°F)

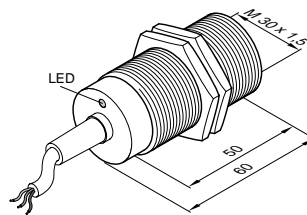
**M30 Flush Mount
10mm (0.39 in.)**

Sensing Distance		10mm (0.39 in.)		
Cable or Connector Style Cat. No.	Cable	Cable	Cable	68
Normally Open 	9916-2600	9916-2900	9916-2668	9916-2668
Normally Closed 	9916-2100	9916-2400	9916-2168	9916-2168
Voltage Range	20V-250V	20V - 250V	20V - 250V	20V - 250V
Operating Frequency	50/60Hz	50/60Hz	50/60Hz	50/60Hz
Supply Current	2 mA	2 mA	2 mA	2 mA
Max. Load Current	500 mA	500 mA	500 mA	500 mA
Voltage Drop Across Sensor	≤5V	≤5V	≤5V	≤5V
Max. Leakage Current	≤2mA	≤2mA	≤2mA	≤2mA
Short Term Current (20 ms, 1Hz)	8A	8A	8A	8A
Switching Frequency	15Hz	15Hz	15Hz	15Hz
Hysteresis	≤15%	≤15%	≤15%	≤15%
Temperature Drift	≤10%	≤10%	≤10%	≤10%
Repeatability	1mm (.039 in.)	1mm (.039 in.)	1mm (.039 in.)	1mm (.039 in.)
Front Cap Material	PBTP	PBTP	PBTP	PBTP
Housing Material	Nickel Plated Brass	Trogamid T	Nickel Plated Brass	Nickel Plated Brass

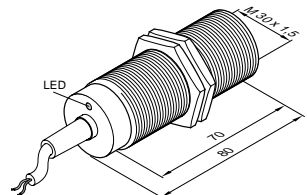
Nickel Plated Brass Housings

Fixed Cable

PVC 2m (6ft. 6in.). For 5m (16 ft. 5 in.) cable length, change the last two digits of the part number to 02. For other cable lengths and/or PUR cable, please consult Altech. Supplied with non-metallic locknuts for Trogamid T housings and Brass, Nickel Plated (BN) locknuts for Nickel Plated Brass housings.

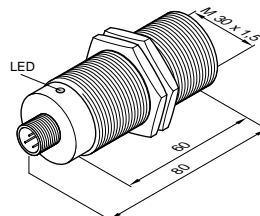


Trogamid T Housings



68 Style Connectors

3-pin, Micro style, 12mm (.47 in.) supplied with Brass, Nickel Plated (BN) locknuts.



Metric/in. Conversion Table

1.5 mm = .06 in.	50.0 mm = 1.96 in.
12.0 mm = .47 in.	58.0 mm = 2.28 in.
30.0 mm = 1.18 in.	60.0 mm = 2.36 in.
38.0 mm = 1.50 in.	80.0 mm = 3.15 in.
48.0 mm = 1.89 in.	

This table converts millimeters to inches in reference to the illustrations included on these pages

Accessories

2 meter (6 ft. 6 in.) AC Cable Assemblies for Quick Disconnect Sensors

- 68 Connector 8000-5130 PVC Straight
- 68 Connector 8000-5140 Right Angle

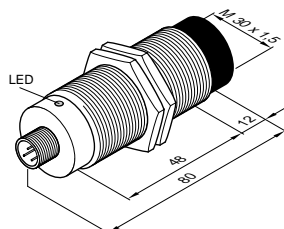
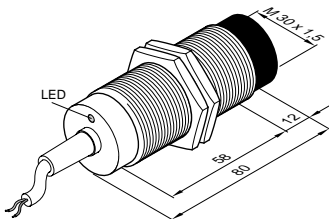
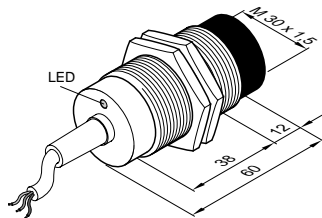
Change last digit of connector number to 5 for 5 meter cable

Refer to pages 116-121 for more cable information

M30 Non-Flush Mount 15mm (0.59 in.)

Cable	Cable	68
9916-2700	9916-3000	9916-2768
9916-2300	9916-2500	9916-2368
20V - 250V	20V - 250V	20V - 250V
50/60Hz	50/60Hz	50/60Hz
2 mA	2 mA	2 mA
500 mA	500 mA	500 mA
≤5V	≤5V	≤5V
≤2mA	≤2mA	≤2mA
8A	8A	8A
15Hz	15Hz	15Hz
≤15%	≤15%	≤15%
≤10%	≤10%	≤10%
1.5mm (.059 in.)	1.5mm (.059 in.)	1.5mm (.059 in.)
PBTB	PBTB	PBTB
Nickel Plated Brass	Trogamid T	Nickel Plated Brass

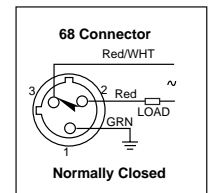
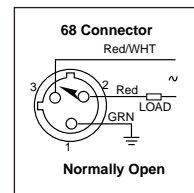
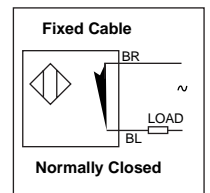
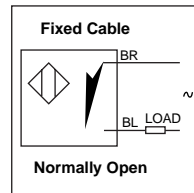
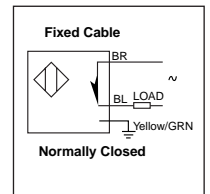
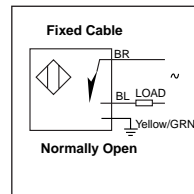
Note: Sensor dimensions in mm.



Mounting Brackets – see Pages 114-115

Wiring Diagrams

Note: Wire colors are applicable to cable purchased from Altech



X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Proximity Sensors](#) category:

Click to view products by [Altech](#) manufacturer:

Other Similar products are found below :

[01.001.5653.1](#) [70.340.1028.0](#) [70.360.2428.0](#) [70.364.4828.0](#) [70.810.1053.0](#) [72.360.1628.0](#) [73.363.6428.0](#) [9221350022](#) [980659-1](#) [QT-12](#)
[E2EX10D1NN](#) [E2E-X14MD1-G](#) [E2E-X2D1-G](#) [E2EX2ME2N](#) [E2E-X3D1-N](#) [10M](#) [E2E-X4MD1-G](#) [E2FMX1R5D12M](#) [E2K-F10MC1](#) [5M](#)
[EI1204TBOSL-6](#) [EI5515NPAP](#) [BSA-08-25-08](#) [IC08ANC15PO-K](#) [IMM2582C](#) [25.161.3253.0](#) [25.332.0653.1](#) [25.352.0653.0](#) [25.352.0753.0](#)
[25.523.3253.0](#) [9151710023](#) [922FS1.5C-A4P-Z774](#) [SC606ABV0S30](#) [SM952A126100LE](#) [A1220EUA-T](#) [F3S-A162-U](#) [CL18](#) [QT-08L](#)
[34.110.0010.0](#) [TL-C2MF1-M3-E4](#) [IA08BLF15NOM5](#) [IA08BSF15NOM5](#) [IA12ASF04DOM1](#) [IMM32188C](#) [IS2](#) [IS31SE5000-UTLS2-TR](#)
[34.110.0021.0](#) [34.110.0022.0](#) [CA150-120VACDC](#) [VM18VA3000Q](#) [XS508BSCBL2](#) [XS512BLNAM12](#)